



RECYCLING INFORMATION ON DISPOSABLE PROPANE CYLINDERS WITH COLEMAN® GREEN KEY® TOOL INSTALLED

COLEMAN® PROPANE CYLINDER MATERIALS



Part	Material	Weight (g)
Dust Cap	Polypropylene	discarded
1. Green Key® Tool	HDPE	0.8
2. Container Assembly	Steel	381.0
3. Valve Assemblies	Brass, Polymers, Steel (< 0.1 g steel)	2.2
4. Labels	Lead Free Ink & Paper	<1
5. Base	Polypropylene & Polymeric Hot Melt Glue	8.2 0.4
	TOTAL	396.6 (13.99 oz.)
	TOTAL STEEL	381.0 (13.44 oz.)

PROPANE CYLINDER WITH GREEN KEY® TOOL IN PLACE

- A cylinder with the Green Key® tool installed in the valve is open to the atmosphere – no pressure or vapor will remain inside the cylinder.
- With the Green Key® tool installed, the cylinder is easily identified as open to the atmosphere and empty. It is no longer hazardous waste.
- The Green Key® tool is designed so that once it is inserted, the consumer cannot remove it. If removal is attempted, the device breaks leaving the cylinder open to the atmosphere.

PROPANE CYLINDERS VENTED WITH GREEN KEY® TOOL

- Cylinders that are vented to the atmosphere are NOT classified as hazardous waste.
 - Vented cylinders can therefore be considered to be recyclable scrap metal.
 - Vented cylinders can be safely transported without special handling, packaging or documentation.
 - Vented cylinders can be baled, crushed or shredded without special precautions.
 - If segregated from other scrap metals the 8 pt. carbon steel content may command a higher price than other scrap metals.
- Loss of the device during processing** - The Green Key® tool may become displaced from the cylinder valve.

- Once it is verified that the Green Key® tool has been installed in a cylinder, its loss during the recycling

process does not change the safety of the container in the recycling stream.

- The Green Key® tool vents the container to the atmosphere. If installation is confirmed at any stage of the process, the cylinder contains only air at room pressure in place of propane at a higher pressure.
- The loss of the Green Key® tool after confirmation simply means that downstream participants in recycling lose the indicator benefits it provides.

Contamination

- With the Green Key® tool installed, the propane container is open to the atmosphere like any other open container.
- Contamination from liquids and gases found in the recycling stream is possible– such as the collection of liquids and gases in cans and tanks.
- Any precautions that are taken when recycling aluminum cans, paint cans, or other containers should be considered when recycling propane cylinders with the Green Key® tool installed.

Baling, Crushing

- With the Green Key® tool installed, a propane cylinder would pose no hazard during the baling/crushing operations.

Shredding

- With the Green Key® tool installed, a propane cylinder would pose no hazard during shredding.

Melting

- With the Green Key® tool installed, a propane cylinder would pose no hazard in a smelting tank.



COLEMAN® GREEN KEY® TOOL PROPANE CYLINDER RECYCLING PROGRAM

Technical Information for Steel Recyclers, Processors and Mills.



LET'S GO OUTSIDE



The Outdoor Company™